

ABSTRACT OF THE DISCLOSURE

[0093] Introducing one or more stimulating drugs to the vagus nerve and/or one or more branches of the vagus nerve to treat movement disorders uses at least one implantable system control unit (SCU) with an implantable pump with at least one infusion outlet. Optional electrical stimulation may additionally be supplied by an implantable signal/pulse generator (IPG) with one or more electrodes. In certain embodiments, a single SCU provides one or more stimulating drugs and the optional electrical stimulation. In some embodiments, one or more sensed conditions are used to adjust stimulation parameters.